

Substitute for form 1449 A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,689

Filing Date: 02/08/1999

First Named Inventor: Nichols

Group Art Unit: ~~2121~~ 2121

Examiner Name: ~~W. H. R. C.~~ W. H. R. C.

Attorney Docket Number: 05222.00163

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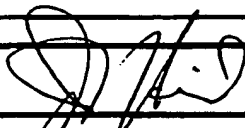
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		<del>"Evaluating the effectiveness of feedback in SQL tutor", IEEE, proc. Int. workshop IWALT, pp. 143-144</del>	
		<del>"Automated Exercise Progression in Simulation-Based Training," IEEE Trans. On Systems, Man, and Cybernetics, Vol. 24(6), pp. 863-74, June 1994</del>	
		<del>"ACM Transactions on Information Systems," 1988 at www.acm.org/pubs/toc/Abstracts/fois/69298.html</del>	
		<del>The Virtual Classroom: Great Expectations, Delivering Graduate Education by Computer: A Success Story, 1996.</del>	
		<del>"A Special Section: Goal-Based Scenarios: A New Approach to Professional Education: Reengineering Education at Andersen Consulting," Educational Technology, Nov.-Dec. 1994</del>	
		<del>"Goal-Based Scenarios and the Problem of Situated Learning: A Commentary on Andersen Consulting's Design of Goal-Based Scenarios," Educational Technology, Nov.-Dec. 1994</del>	
		<del>"DBB-A Free Graphical Front-End for UNIX Debuggers," Jan. 1996, ACM Sigplan Notices, Vol. 31, No. 1, pp. 22-27</del>	
		<del>"Automated Training of Legal Reasoning" at http://www.bilata.ac.uk/94papers/muntjew.html</del>	
		<del>"The Virtual Learning Environment System," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 2, Nov. 4-7, 1998</del>	
		<del>"Developing a Design System into an Intelligent Tutoring System," Int'l J. Engr. Educ., Vol. 13(5), pp. 341-48, Dec. 1997</del>	
		<del>"CAPTOR a model for delivering web-based intelligent tutoring system technology", IEEE Proc-DASC vol. 2, pp. 5.C.4.1-5</del>	

Examiner  
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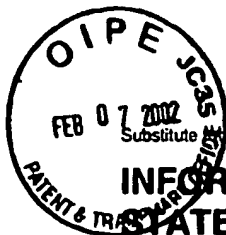
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		<del>"Task-Oriented Learning on the Web"; Innovations In Education and Training International Vol. 36 No. 1 Feb. 1999</del>	
		<del>"Applications of BrainMaker Neural Network to stocks, business, medical, manufacturing" at www.caisci.com/Applications.html</del>	
		<del>"KBLPS Overview" at www.cgi.com/CGIWEB/KBLPS/overindex4.html</del>	
		<del>"Smartlaw: adapting classic expert system techniques for the legal research domain", ACM pp. 133-141</del>	
		<del>"Interactive Multimedia Instructs the Individual," Oct. 1994, Occupational Health &amp; Safety Vol. 63, No. 10, pp. 144-145</del>	
		<del>"Practical methods for automatically generating typed links", ACM Hypertext, pp 31-41</del>	
		<del>"Popular Theory Supporting the Use of Computer Simulation for Experiential Learning," http://www.centurionsys.com/rtd57.html, Aug. 1997</del>	
		<del>"Technical Report: Computer-Aided Education and Training Initiative" at http://advlearn.lrdc.pitt.edu/advlearn/papers/FINALREP.html</del>	
		<del>"FRA: Teaching Financial Accounting with a Goal-Based Scenario," Intelligent Systems in Accounting, Finance and Management, Vol. 4, 1995</del>	
		<del>"Teaching Real-World Analysis Skills for Goal-Based Scenario," pp. 68-74</del>	

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		"The Roles of Artificial Intelligence in Education: Current Progress and Future Prospects" at <a href="http://www.nib.unicamp.br/recursos...education/intelligent-tutoring.html">http://www.nib.unicamp.br/recursos...education/intelligent-tutoring.html</a>	
		"WITS: A Reusable Architecture for a VR-Based ITS" at <a href="http://edvteam.lrdc.pitt.edu/its_arch/papers/iam.html">http://edvteam.lrdc.pitt.edu/its_arch/papers/iam.html</a>	
		"Brainmaker" at <a href="http://www.nplc.on.ca/~echoscan/28-04.htm">www.nplc.on.ca/~echoscan/28-04.htm</a>	
		"News for ESAP" at <a href="http://www.hops.wharton.upenn.edu/~esap/news.html">www.hops.wharton.upenn.edu/~esap/news.html</a>	
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		"Microworlds and Simuworlde: Practice Fields for the Learning Organization," Spring 1996, Organizational Dynamics Vol. 24, No. 4, pp. 36-49	
		"What are Intelligent Coaching Systems and Why are they (In)evitable?" IEEE Colloquium on Artificial Intelligence in Educational Software, pp. 2/1-2/5, June 1998	
		"Development of an Integrated Simulator and Real-Time Plant Information System," Advances in Operational Safety of Nuclear Power Plants, Proceedings of an International Symposium 1996.	

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Examiner Name: ~~12~~ Hill

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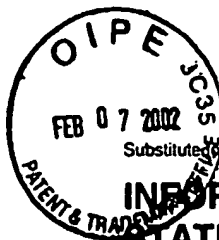
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		<del>"Smart Avatars in JackMOO," Proceedings of the 1999 IEEE Conference on Virtual Reality, pp. 156-63</del>	
		<del>"Embedding an Intelligent Tutoring System in a Business Gaming Simulation Environment," Proc. Of the 1994 Winter Simulation Conference, pp. 1399-1408, Dec. 1994</del>	
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		<del>"Persistent Issues in the Application of Virtual Environment Systems to Training," August 1996, Proceedings, Third Annual Symposium on Human Interaction with Complex Systems, IEEE, pp. 124-32.</del>	
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		<del>Interactive Multimedia Distance Learning (IMDL): The Prototype of the Virtual Classroom, 1994.</del>	
		<del>"Understanding Organizational Dynamics of IT-Enabled Change: A Multimedia Simulation Approach," Winter 1997/1998, Journal of Management Information Systems: JMIS, Vol. 14, No. 3, pp. 109-140.</del>	
		<del>"Intelligent Computer-Aided Instruction: A Survey Organized Around System Components," Jan. 1989, IEEE Inc., New York, Vol. 49, No. 1, pp. 40-57.</del>	

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Group Art Unit: ~~no~~ 2121

Examiner Name: ~~no~~ H. H. L.

Attorney Docket Number: 05222.00163

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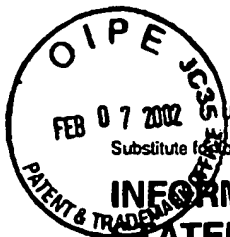
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		<del>"Interface design issue for advising giving expert systems", Comm. Of the ACM, vol 30, no. 1, pp14-21</del>	
		<del>"An Object Oriented Architecture for Evolutional Development of Interactive Learning Environment with Coached Problem-Solving," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 592-94, Dec. 1997</del>	
		<del>"Architecture of an Intelligent Tutoring System on the WWW," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 39-46 Dec. 1997</del>	
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		<del>"Intelligent Tutoring Systems: An Overview" at http://www.intellectbooks.com/authors/lawler/its.htm</del>	

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		Computer Dictionary, 1997, pp. 264, 276, 383, 446, 462, 507.	
		"Rule-Based Programming with OPS5" at www.mkp.com/books_catalog/0-934613-51-6.asp	
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		"MUSE U.S. Patents" at www.muser.com/html/patents.html	
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		"RadTutor: The Theoretical and Empirical Basis for the Design of a Mammography Interpretation Tutor," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 386-393 Dec. 1997	
		"Using the Wizard of Oz Technique to Prototype a Scenario-Based Simulation Tutor," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 458-65, Dec. 1997	
		"Using Planning Techniques to Provide Feedback in Interactive Learning Environments," Proc. Sixth Int'l Conf. On Tools with Artificial Intelligence, pp. 700-03, Nov. 1994	
		"An Electronic Infrastructure for a Virtual University," Communications of the ACM, Vol. 40, No. 8, Sep. 1997	
		"Simulation Technology and Parallelism in Learning Environments" at <a href="http://www.to.uwente.nl/prf/min/Book/chapter1.htm">http://www.to.uwente.nl/prf/min/Book/chapter1.htm</a>	

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		<del>"FinPlan System" at <a href="http://www.fiaf.org.nu/FinPlan/">www.fiaf.org.nu/FinPlan/</a></del>	
		<del>"Enhancing Simulation Education with Intelligent Tutoring Systems," Proc. Of the 1996 Winter Simulation Conf., pp. 675-80, Dec. 1996</del>	
		<del>"Computer Aided Instruction for Statistics: A Knowledge-Based Systems Approach," Int'l J. of Computers in Adult Education and Training, Vol. 5(1), pp. 3-14.</del>	
		<del>"Teaching with the Internet" 1998, JAI Press Inc., USA, Vol no. 3, pp 217-222</del>	
		<del>"Development of a Simulation-Based Intelligent Tutoring System for Assisting PID Control Learning," Jan. 1994, IEICE Transactions on Information and Systems, E77-D, No. 1, Tokyo Japan, pp. 108-17.</del>	
		<del>"Authoring Intelligent Tutoring Systems: An Analysis of the State of the Art" at <a href="http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html">http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html</a></del>	
		<del>"Multimedia Training "Get Lemonade, Not a Lemon!" June 1997, Journal for Quality and Participation vol. 20, No. 3, pp. 22-26</del>	
		<del>"SMART Evaluation: Cognitive Diagnosis, Mastery Learning &amp; Remediation," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 123-30, Aug. 1995</del>	
		<del>"Decision Pro3.0" at <a href="http://www.vanguardsw.com/">www.vanguardsw.com/</a></del>	

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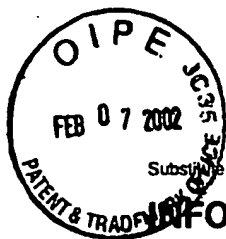
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		<del>"The SimQuest Authoring System for Simulation Based Discovery Learning," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 79-86, Dec. 1997</del>	
		<del>"A Browser Based System to Support &amp; Deliver DE," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 1, Nov. 4-7, 1998</del>	
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		<del>"TurboTax Deluxe Product Information" at <a href="http://www.intuit.com/turbotax/prodinfo/tidix.html">http://www.intuit.com/turbotax/prodinfo/tidix.html</a></del>	
		<del>"Why Should the Teens Have All the Best Games? Management Skill with Oil, Health, Housing Games," Computergram Intl, June 176, 1996</del>	
		<del>"Template Software Business Simulator, Chapter 8, August 1997</del>	
		<del>"Template Software Workflow Simulator, Chapter 8, June 1998</del>	
		<del>"Goal Based Scenarios", Technical Report # 38, Northwestern University, The Institute for the Learning Sciences, December 1992, pp. 1-30</del>	

Examiner Signature		Date Considered	10/16/03
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute Form 1449 A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,689

Filing Date: 02/08/1999

First Named Inventor: Nichols

Group Art Unit: ~~2121~~

Examiner Name: ~~da~~ ~~Hick~~

Attorney Docket Number: 05222.00163

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Sheet 14 of 14

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		<del>"Eight Goal-Based Scenario Tools", Technical Report # 67, Northwestern University, The Institute for the Learning Sciences, January 1996, pp. 1-37</del>	
		<del>"A Role for AI in Education: Using Technology to Reshape Education", Northwestern University, The Institute for the Learning Sciences, Journal of Artificial Intelligence in Education, Winter 1990, January 1990, pp. 1-24 and 2 pgs. of references</del>	
		<del>"The Design of Goal-Based Scenarios", Technical Report # 39, Northwestern University, The Institute for the Learning Sciences, March 1993, pp. 1-58</del>	

Examiner Signature		Date Considered	10/16/03
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